



#8/Req for reconsideration

8-4-00  
A-T.

Patent

Attorney's Docket No. 027575-152

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of )  
John G. FREED ) Group Art Unit: 2749  
Application No.: 09/035,944 )  
Filed: March 6, 1998 ) Examiner: Y. Waldetatos  
For: SYSTEM AND METHOD OF )  
IMPROVING THE DYNAMIC )  
RANGE OF A RECEIVER IN )  
THE PRESENCE OF A )  
NARROWBAND INTERFERING )  
SIGNAL )

**RECEIVED**  
AUG 2 2000  
Group 2700

**RESPONSE**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Examiner's Action mailed April 26, 2000, the following remarks are submitted for consideration.

**REMARKS**

Claims 1-21 are pending.

Applicant acknowledges with appreciation the consideration of the First and Second Information Disclosure Statements filed June 22, 1998 and August 26, 1999, respectively. A Third Information Disclosure Statement was filed on June 29, 2000. Consideration of this Third Information Disclosure Statement and acknowledgment of such consideration are respectfully requested.

Claims 1-21 were rejected under 35 U.S.C. § 103(a) as being obvious over U.S. Patent No. 5,758,271 to Rich et al. ("Rich") in view of U.S. Patent No. 5,930,692 to Peterzell et al. ("Peterzell"). This rejection is respectfully traversed.

Claim 1 recites an apparatus for improving the dynamic range of a receiver. The apparatus includes a processor for computing an error rate of a received signal and a low noise amplifier with an adjustable input intercept point. The input intercept point is adjusted depending on the computed error rate.